

07-22-04

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<b>INFORMATION DISCLOSURE STATEMENT</b>  Address to: Mail Stop Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	Attorney Docket	CLON-090
	First Named Inventor	LABAS, YULII
	Application Number	10/757,356
	Confirmation No.	N/A
	Filing Date	January 13, 2004
	Group Art Unit	N/A
	Examiner Name	N/A
	Title: "NOVEL CHROMOPHORES/FLUOROPHORES AND METHODS FOR USING THE SAME"	

Sir:

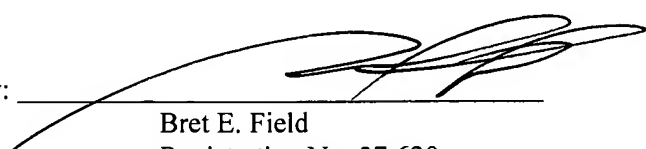
This is an Information Disclosure Statement submitted for the Examiner's consideration. A Form PTO-SB/08A listing the references and copies of the cited references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one of the above references constitutes prior art to the present application within the meaning of 35 U.S.C. §102.

As applicants have not yet received a first Action on the merits, no fee is believed to be required for filing this Disclosure Statement. If, however, the PTO finds that for some reason a fee is due, our Deposit Account No. 50-0815, Order No. CLON-090 may be charged thereon.

Respectfully submitted,  
BOZICEVIC, FIELD & FRANCIS LLP

Date: July 20, 2004

By: 

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/757,356	
			Filing Date	January 13, 2004	
			First Named Inventor	LABAS, YULII ALEKSANDROVICH	
			Art Unit	N/A	
Sheet	1	of	2	Examiner Name	N/A
				Attorney Docket Number	CLON-090

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US- 5,491,084		02-13-1996	Chalfie et al.	
		US- 5,874,304		02-23-1999	Zolotukhin et al.	
		US- 5,919,445		07-06-1999	Chao	
		US- 5,958,713		09-28-1999	Thastrup et al.	
		US- 5,968,738		10-19-1999	Anderson et al.	
		US- 5,968,750		10-19-1999	Zolotukhin et al.	
		US- 5,976,796		11-02-1999	Szalay et al.	
		US- 5,985,577		11-16-1999	Bulinski	
		US- 6,020,192		02-01-2000	Muzyczka et al.	
		US- 6,066,476		05-23-2000	Tsien et al.	
		US-				
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FOREIGN PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO 00/46233	08-10-2000	Hoegh-Guldberg et al.		
		WO 99/49019	09-30-1999	Bryan et al.		
		DE 197 18 640 A1	07-22-1999	Wiedenmann		✓

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>		
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Sheet	2	of	2	Examiner Name	N/A
				Attorney Docket Number	CLON-090

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		ANDERLUH et al. "Cloning, Sequencing, and Expression of Equinatoxin II" <i>Biochemical and Biophysical Research Communications</i> , (1996) 220:437-442	
		DOVE et al. "Isolation and Partial Characterization of the Pink and Blue Pigments of Pocilloporid and Acroporid Corals" <i>Biological Bulletin</i> , (1995) 189:288-297	
		FRADKOV et al. "Novel Fluorescent Protein from Discosoma Coral and its Mutants Possesses a Unique Far-Red Fluorescence" <i>FEBS Letters</i> (2000) 479:127-130	
		GURSKAYA et al. "GFP-Like Chromoproteins as a Source of Far-Red Fluorescent Proteins" <i>FEBS Letters</i> (2001) 507:16-20	
		GURSKAYA et al. "Color Transitions in Coral's Fluorescent Proteins by Site-Directed Mutagenesis" <i>BMC Biochemistry</i> (2001) 2:6	
		LUKYANOV et al. "Natural Animal Coloration Can be Determined by a Nonfluorescent Green Fluorescent Protein Homolog" <i>The Journal of Biological Chemistry</i> (2000) 275:25879-25882	
		MACEK et al. "Intrinsic Tryptophan Fluorescence of Equinatoxin II, a Pore-Forming Polypeptide from the Sea Anemone <i>Actinia equina</i> L, Monitors its Interaction with Lipid Membranes" <i>Eur. J. Biochemistry</i> (1995) 234:329-335	
		MARTYNOV et al. "Alternative Cyclization in GFP-Like Proteins Family" <i>The Journal of Biological Chemistry</i> (2001) 276:21012-21016	
		MATZ et al. "Fluorescent Proteins from Nonbioluminescent Anthozoa Species" <i>Nature Biotechnology</i> , (1999) 17:969-973	
		TERSKIKH et al. "Fluorescent Timer": Protein that Changes Color with Time" <i>SCIENCE</i> (2000) 290:1585-1588	
		TSIEN "The Green Fluorescent Protein" <i>Annu Rev. Biochem.</i> (1998) 67:509-44	
		TSIEN "Rosy Dawn for Fluorescent Proteins" <i>Nature Biotechnology</i> (1999) 17:956-957	
		WARD et al. "An Energy Transfer Protein in Coelenterate Bioluminescence" <i>The Journal of Biological Chemistry</i> (1979) 254:781-788	
		YARBROUGH et al. "Refined Crystal Structure of DsRed, a Red Fluorescent Protein from Coral, at 2.0-Å Resolution" <i>Proc. Nat'l Acad. Sci.</i> (2001) 98:462-467	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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